

List of Reference Numerals

1000	waste heat recycling thermal power plant
1100	motive flow circuit (mfc)
1110	mfc working fluid
1120	mfc fluid transfer device
1130*	mfc fluid filtering device
1140	mfc fluid flow regulating device
1200	suction flow circuit (sfc)
1210	sfc working fluid
1220	sfc fluid flow regulating device
1230	sfc sfc-hsfc heat recycling heat transfer device
1240	sfc shrd-ssths fluid transfer device (ssftd)
1240-10	ssftd working fluid
1240-20	ssftd shrd hsfc-sfc evaporative heat transfer device excess fluid inlet
1240-30	ssftd cssd overpressure relief device working fluid inlet
1240-40	ssftd ihefc-sfc evaporative heat transfer device working fluid discharge
1250	sfc sub-ambient temperature heat sink (ssths)
1250-10	ssths working fluid
1250-20	ssths ihefc-sfc evaporative heat transfer device
1250-30*	ssths liquid/vapor separation device
1250-40	ssths ihefc-sfc evaporative heat transfer device pressure regulating device
1260	shrd hsfc-sfc evaporative heat transfer device ssths vapor supply device
1270	shrd hsfc-sfc evaporative heat transfer device ssths liquid supply device
1280	sfc heat replenishment device (shrd)
1280-10	shrd working fluid
1280-20	shrd hsfc-sfc evaporative heat transfer device
1280-30*	shrd liquid/vapor separation device
1280-40*	shrd hsfc-sfc super heat heat transfer device
1280-50	shrd hsfc-sfc evaporative heat transfer device pressure regulating device
1300	conjoined flow circuit (cfc)

1310	cfc working fluid
1320	cfc sub-ambient pressure generating device (cspgd)
1320-10	cspgd working fluid
1320-20	cspgd motive flow inlet
1320-30	cspgd suction flow inlet
1320-40	cspgd suction chamber
1320-50	cspgd conjoined flow discharge
1330	cfc super-ambient temperature heat source (csthhs)
1330-10	csthhs working fluid
1330-20	csthhs cfc-ihefc heat transfer device (cchtd)
1330-20A*	cchtd super heat heat transfer device
1330-20B	cchtd latent heat heat transfer device
1330-20C*	cchtd feed heat heat transfer device
1340	cfc flow divider (cfld)
1340-10	cfld working fluid
1340-20	cfld conjoined flow inlet
1340-30	cfld flow separation chamber
1340-40	cfld motive flow discharge
1340-50	cfld suction flow discharge
1340-60	cfld fluid import/export port
1350	cfc safety/service device (cssd)
1350-10	cssd working fluid
1350-20	cssd fluid thermal expansion device
1350-30	cssd overpressure relief device
1350-40	cssd venting/servicing port
1400	incorporated heat engine flow circuit (ihefc)
1410	ihefc working fluid
1420*	ihefc fluid transfer device (not required if utilizing gravity-induced circulation)
1430	ihefc super-ambient temperature heat source (isths)
1430-10	isths working fluid

1430-20	isths cfc-ihefc heat transfer device (ichtd)
1430-20A*	ichtd feed heat heat transfer device
1430-20B*	ichtd ihefc starting device
1430-20C	ichtd latent heat heat transfer device
1430-20D*	ichtd liquid/vapor separation device
1430-20E*	ichtd super heat heat transfer device
1440	ihefc vapor export device (ived)
1440-10	ived working fluid
1440-20	ived ihefc working fluid inlet
1440-30	ived flow separation chamber
1440-40	ived overpressure relief device working fluid discharge
1440-50	ived ipedlc working fluid discharge
1450	ihefc fluid flow regulating device
1460	ihefc pressure expansion device (e.g., Rankine cycle vapor turbine)
1470	ihefc sub-ambient temperature heat sink (isths)
1470-10	isths working fluid
1470-20	isths ihefc-sfc condensing heat transfer device
1470-30	isths venting/servicing port
1480*	ihefc pressure expansion device lubrication circuit (ipedlc)
1480-10	ipedlc working fluid
1480-20	ipedlc pressure regulating device
1480-30	ipedlc vapor bearing device
1480-40	ipedlc vapor flow regulating device
1485	ihefc overpressure relief device
1490	ihefc fluid return device (ifrd)
1490-10	ifrd working fluid
1490-20	ifrd ihefc overpressure relief device working fluid inlet
1490-30	ifrd ipedlc vapor flow regulating device working fluid inlet
1490-40	ifrd flow collecting chamber
1490-50	ifrd isths ihefc-sfc condensing heat transfer device working fluid discharge
1500	mechanical output device (mod)

1510A mod hermetic power coupling device (omit if 1510B is utilized)
or

1510B mod intermediate drive shaft with shaft sealing device (omit if 1510A is utilized)

1520 mod driven mechanical device (e.g., gearbox, generator, propeller shaft, etc.)

1600* heat recovery flow circuit (hrfc, omit if 1780 is not utilized)

1610 hrfc working fluid

1620 hrfc ventilation motive device

1630 hrfc machinery space (hms)

1630-10 hms working fluid

1630-20 hms exposed surfaces (i.e., floor, walls, ceiling, equipment, piping, etc.)

1630-30 hms overpressure relief device (discharges to the environment)

1640* hms cooling distribution device (hcdd)

1640-10 hcdd working fluid (e.g., air)

1640-20 hcdd working fluid inlet device

1640-30(x) hcdd distribution device ("x" - designation changes for each unit)

1640-40(x) hcdd cooled machinery unit ("x" - designation changes for each unit)

1640-50(x) hcdd machinery cooling exhaust collection device ("x" - designation changes for each unit)

1650 hrfc heat recycling heat transfer device (hhrhtd)

1650-10 hhrhtd working fluid

1650-20 hhrhtd hrfc-hsfc heat recycling evaporative heat transfer device

1700 heat source flow circuit (hsfc)

1710 hsfc working fluid

1715 hsfc fluid return device (hfrm)

1715-10 hrfd working fluid

1715-20 hrfd hssd overpressure relief device working fluid inlet

1715-30 hrfd hsfc working fluid discharge

1720* hsfc fluid transfer device (not required if utilizing gravity-induced circulation)

1730*	hsfc fluid filtering device
1740	hsfc fluid import/export port
1750	hsfc safety/service device (hssd)
1750-10	hssd working fluid
1750-20	hssd fluid thermal expansion device
1750-30	hssd overpressure relief device
1750-40	hssd venting/servicing port
1760	hsfc heat source heat transfer device
1770	hsfc sfc-hsfc heat recycling heat transfer device
1780*	hsfc hrfc-hsfc heat recycling condensing heat transfer device
1785*	hsfc hsfc-sfc super heat heat transfer device
1790	hsfc hsfc-sfc evaporative heat transfer device
1795	hsfc hsfc-sfc evaporative heat transfer device working fluid discharge temperature regulating device

Items marked with an “*” are optional enhancements to the basic embodiment.